

SORTING PARTICLES

5

ABSTRACT

A device for sorting particles. The device may include a channel structure that defines a channel having an inlet and first and second outlets. The device also may include first and second transport mechanisms. The first transport mechanism may be configured to create a particle stream of first particles and one or more second particles. Each particle may move along the channel from the inlet toward the first outlet and may be disposed in a fluid supported by the channel structure. The second transport mechanism may be configured to be pulse-activated to selectively move at least one of the second particles from the particle stream and toward the second outlet.